

Makarow, Irina (OCD)

From: Marie Piper [cascade@pugetsound.net]
Sent: Thursday, July 25, 2002 7:18 AM
To: Newman, Alan R.; Dee_Morse@nps.gov
Cc: Bowman@UTAH, Clint; Makarow, Irina (OCD); Katy Chaney; Mike Sotak
Subject: Re: Satsop CT Regional Haze Results

Alan,

Yes, the days are the same as before - September 24, 1998 for Mt. Rainier NP and October 29 and 30, 1998 for Olympic NP.

Let me know if I can answer anything further!

Thanks!

Marie

----- Original Message -----

From: "Newman, Alan R." <anew461@ECY.WA.GOV>
To: "'Marie Piper'" <cascade@pugetsound.net>; <Dee_Morse@nps.gov>
Cc: "Bowman@UTAH, Clint" <clint@math.utah.edu>; "Makarow, Irina (OCD)" <IrinaM@ep.cted.wa.gov>; "Katy Chaney" <katy_chaney@urscorp.com>; "Mike Sotak" <mjsotak@duke-energy.com>
Sent: Wednesday, July 24, 2002 5:42 PM
Subject: RE: Satsop CT Regional Haze Results

> Please confirm that the impacted days are the same ones as before. (late
> October for ONP and late Sept. for Mt. Rainier NP). Just trying to be
> accurate. Thanks

>

> -----Original Message-----

> From: Marie Piper [mailto:cascade@pugetsound.net]
> Sent: Wednesday, July 24, 2002 3:18 PM
> To: Dee_Morse@nps.gov; Newman, Alan R.
> Cc: Bowman@UTAH, Clint; Makarow, Irina (OCD); Katy Chaney; Mike Sotak
> Subject: Satsop CT Regional Haze Results

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>

> Alan and Dee,

>

> Here are the results of the regional haze re-model using reduced particulate
> matter and NOx emission rates. NOx from the PGUs is modeled at 2 ppm
> 24-hour average (17.4 lb/hr). PM from the turbines at 15 lb/hr (front and
> back half included) gives a total PM emission rate from the PGUS of 22.6
> lb/hr 24-hour average. With these emissions reductions, three days are over
> 5%: 2 days in Olympic NP (8.02%, 5.64%) and one day in Mt. Rainier
> NP(6.38%). This is reduced from the four days predicted with our earlier
> submittal. This also puts the number of days in excess of 5% back to the
> number predicted with just Phase I of the project.

>

> Alan, I'm attaching a new letter from GE that supports the 15 lb/hr emission
> rate. As you can see, there are onerous conditions imposed by GE in
> supporting the 15 lb/hr emission rate. However, reducing the particulate
> matter emission rate further is necessary to eliminate the fourth day above
> 5% and to obtain the results provided above.

>

> Also, I've left Clint and Dee messages inquiring as to what format and
> exactly which files they would like from us on this. If you can read DAT3
> or DAT4 tape, then all of the files can fit onto a tape. Otherwise, we can
> provide the single input file and output file (without all the met data) on
> a CD. Let me know!